

# SMD POWER INDUCTORS

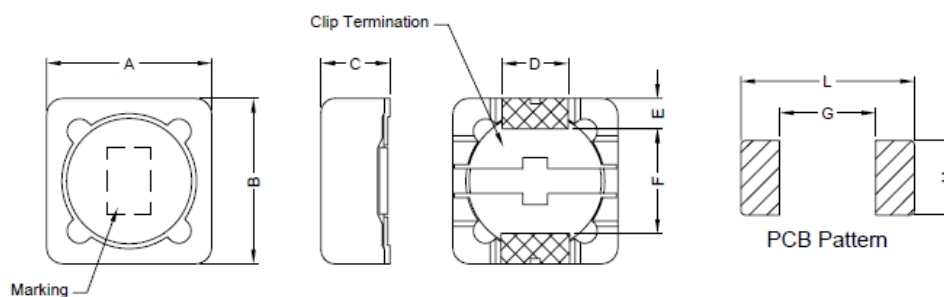
**SERIE:** DHS1207 12,0 x 12,0 x 8,0 mm

## DIMENSIONS:

VPE: 400 pcs or 500 pcs.



RoHS Compliant



Unit:mm

A	B	C	D	E	F	G	H	L
12,0 ± 0,5	12,0 ± 0,5	8,0 ± 0,3	5,0 Ref.	2,2 Ref.	7,6 Ref.	7,0 Ref.	5,4 Ref.	12,6 Ref.

## SCHEMATIC:



## GENERAL SPECIFICATION :

1. Temp. rise: 40°C Max.
2. Rated current: Base on temp. rise &  $\Delta L/L0A = 35\%$  Typ.
3. Storage temp.: -40°C to + 85°C
4. Operating temp.: -40°C to + 85°C
5. Resistance to solder heat : 260°C 10sec.

*NOTE : Specifications subject to change without notice. Please check our website for latest information*

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## ELECTRICAL CHARACTERISTICS

Part No.	Inductance ( $\mu\text{H}$ )		Test Frequency ( Hz. )	RDC ( $\Omega$ ) Max	IDC ( A )
DHS1207 - 1R2SWE	1,2	$\pm 30\%$	1V / 100K	0,007	9,8
DHS1207 - 2R4SWE	2,4	$\pm 30\%$	1V / 100K	0,0115	8
DHS1207 - 3R5SWE	3,5	$\pm 30\%$	1V / 100K	0,0135	7,5
DHS1207 - 4R7SWE	4,7	$\pm 30\%$	1V / 100K	0,0158	6,8
DHS1207 - 6R1SWE	6,1	$\pm 30\%$	1V / 100K	0,0176	6,6
DHS1207 - 7R6SWE	7,6	$\pm 30\%$	1V / 100K	0,02	5,9
DHS1207 - 100SWE	10	$\pm 20\%$	1V / 1K	0,0216	5,4
DHS1207 - 120SWE	12	$\pm 20\%$	1V / 1K	0,0243	4,9
DHS1207 - 150SWE	15	$\pm 20\%$	1V / 1K	0,027	4,5
DHS1207 - 180SWE	18	$\pm 20\%$	1V / 1K	0,0392	3,9
DHS1207 - 220SWE	22	$\pm 20\%$	1V / 1K	0,0432	3,6
DHS1207 - 270SWE	27	$\pm 20\%$	1V / 1K	0,0459	3,4
DHS1207 - 330SWE	33	$\pm 20\%$	1V / 1K	0,0648	3
DHS1207 - 390SWE	39	$\pm 20\%$	1V / 1K	0,0729	2,75
DHS1207 - 470SWE	47	$\pm 20\%$	1V / 1K	0,1	2,5
DHS1207 - 560SWE	56	$\pm 20\%$	1V / 1K	0,11	2,35
DHS1207 - 680SWE	68	$\pm 20\%$	1V / 1K	0,14	2,1
DHS1207 - 820SWE	82	$\pm 20\%$	1V / 1K	0,16	1,95
DHS1207 - 101SWE	100	$\pm 20\%$	1V / 1K	0,22	1,7
DHS1207 - 121SWE	120	$\pm 20\%$	1V / 1K	0,25	1,6
DHS1207 - 151SWE	150	$\pm 20\%$	1V / 1K	0,28	1,42
DHS1207 - 181SWE	180	$\pm 20\%$	1V / 1K	0,35	1,3
DHS1207 - 221SWE	220	$\pm 20\%$	1V / 1K	0,39	1,16
DHS1207 - 271SWE	270	$\pm 20\%$	1V / 1K	0,56	1,06
DHS1207 - 331SWE	330	$\pm 20\%$	1V / 1K	0,64	0,95
DHS1207 - 391SWE	390	$\pm 20\%$	1V / 1K	0,7	0,88
DHS1207 - 471SWE	470	$\pm 20\%$	1V / 1K	0,98	0,79
DHS1207 - 561SWE	560	$\pm 20\%$	1V / 1K	1,07	0,73
DHS1207 - 681SWE	680	$\pm 20\%$	1V / 1K	1,46	0,67
DHS1207 - 821SWE	820	$\pm 20\%$	1V / 1K	1,64	0,6
DHS1207 - 102SWE	1000	$\pm 20\%$	1V / 1K	1,82	0,55

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